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C ak.,					dKT
From the INTERNATIONAL PRELIMINARY EX	AMINING AUTHORITY	•	ſ		
To:				Docketed By Pr	ractice
Y. ROCKY TSAO			PC	P Resp to writ.	000
FISH & RICHARDSON P.C. 225 FRANKLIN STREET					1475
BOSTON, MASSACHUSETTS 02110			WRITTEN O	PINION & DESTRUCTION	t due
	·	<i>:</i>			00900
			(PCT Rule	46 ditials: _//~	
•		D		·	٦
		Date of Mailing (day/month/year)	n/25/0	3	
Applicant's or agent's file reference		REPLY DUE			7
13062-004WO1			within 1 months/o		
International application No.	International filing date	(day/month/year)	Priority date (de		7
PCT/US02/26444	20 August 2002 (20.08.	2002)	10 September 26	001 (10.09.2001)	
International Patent Classification (IPC)	or both national classifica	ation and IPC	10 Deptember 2		1
IPC(7): C12P 21/08, 21/00; C12N 15/0	(0. 15/63· €	nd US Cl.: 436/547	548 435/69 1 69	9 6 70 21	
Applicant	<u>5, 15, 55, 4</u>	OB CI.: 130/311	, 510, 155705.1, 0	7.0, 70.21	╡
ABGENOMICS CORPORATION	:			•	
The Desire of the Control of the Con					
1. This written opinion is the fi	rst (first, etc.) drawn by	this International P	reliminary Examini	ing Authority.	
2. This opinion contains indicat	ions relating to the follow	ring items:		•	
5-72	ions reading to the rono	ing items.			
I Basis of the opini	ion				
II Priority			•		
III Non-establishmer	nt of opinion with regard t	to novelty, inventive	sten and industria	l applicability	
IV Lack of unity of i	1	, , , , , , , , , , , , , , , , , , ,			
					·
	ent under Rule 66.2 (a)(ii) lanations supporting such		elty, inventive step	or industrial applicability;	
<u> </u>	,	statement	Docksted F	By Billing Secretary	<del>     </del>
VI Certain document	is cited	D.,	e Date: 12		
VII Certain defects in	the international applicat	iion		-25-03	+-
VIII Certain observation	ons on the international ap	pplication		0,5	+1
		į ·	itials:	<u>Ovi</u>	+1
3. The applicant is hereby invit	• • •			e de la calendaria	
	y to grant an extension. S		tore the expiration	of that time limit, request	
-	g a written reply, accomp and the language of the a	• • • •		ents, according to Rule 66.3.	
For the exam	ional opportunity to submining of submining to consideration to consideration with the submining terms of the subm	der amendments and	l/or arguments, see	e Rule 66.4 <i>bis</i> .	
If no reply is filed, the inter				he basis of this oninion.	
4. The final date by which the	•			or and opanom	
examination report must be		Rule 69.2 js: 20 Dec	ember 2004 (20.12	2.2004)	
Name and mailing address of the IPE	A/US	Agihorized offic	erd -	1, 1	7
Mail Stop PCT, Attn: IPEA/US Commissioner for Patents		Ron Schwadro	rea N	russence For	+

Telephone No. 703 3080196

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (703)305-3230
Form PCT/IPEA/408 (cover sheet)(July 1998)

DEC 0 1 2003

# PATENT COOPERATION TREATY

From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY					
To: Y. ROCKY TSAO FISH & RICHARDSON P.C. 225 FRANKLIN STREET	PCT				
BOSTON, MASSACHUSETTS 02110	WRITTEN OPINION				
	(PCT Rule 66)				
,	Date of Mailing (day/month/year) 2 5 NOV 2003				
Applicant's or agent's file reference	REPLY DUE				
13062-004WO1	within 1 months/days from the above date of mailing				
International application No. International filing date					
PCT/US02/26444 20 August 2002 (20.08.	2002) 10 September 2001 (10.09.2001)				
International Patent Classification (IPC) or both national classification	tion and IPC				
IPC(7): C12P 21/08, 21/00; C12N 15/00, 15/63; G01N 33/531 at	nd US Cl.: 436/547, 548; 435/69.1, 69.6, 70.21				
Applicant					
ABGENOMICS CORPORATION					
IV Lack of unity of invention  V Reasoned statement under Rule 66.2 (a)(ii) citations and explanations supporting such s  VI Certain documents cited  VII Certain defects in the international applications.  VIII Certain observations on the international applications.	o novelty, inventive step and industrial applicability with regard to novelty, inventive step or industrial applicability; statement on				
3. The applicant is hereby <b>invited to reply</b> to this opinion	l l				
When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension. See rule 66.2(d).					
How? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see Rules 66.8 and 66.9.					
Also  For an additional opportunity to submit amendments, see Rule 66.4.  For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 bis.  For an informal communication with the examiner, see Rule 66.6					
If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.					
4. The final date by which the international preliminary examination report must be established according to Rule 69.2 is 20 December 2004 (20.12.2004)					
Name and mailing address of the IPEA/US					
Mail Stop PCT, Atm: IPEA/US Commissioner for Patents P.O. Box 1450  Adhorized officer Ron Schwadron, Ph.D. Ron Schwadron, Ph.D.					
Alexandria, Virginia 22313-1450  Facsimile No. (703)305-3230  Telephone No. 703 3080196					

Form PCT/IPEA/408 (cover sheet)(July 1998)

## WRITTEN OPINION

International applica	ation No.
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PCT/US02/26444

I.	Bas	is of the opinion	
1.	With	regard to the elements of the international application:*	
	$\boxtimes$	the international application as originally filed	
	$\boxtimes$	the description:	
		pages 1-17 , as originally filed	
		pages NONE , filed with the demand pages NONE , filed with the letter of .	• 1
	$\square$		
		the claims: pages 18-20 , as originally filed	
		pages NONE, as originally filed, as amended (together with any statement) under Article 19	
		nages NONE filed with the demand	
		pages NONE , filed with the letter of	
	$\boxtimes$	the drawings:	
		pages 1, as originally filed	•
		pages NONE , filed with the demand	
	_	pages NONE , filed with the letter of	
	$\boxtimes$	the sequence listing part of the description:	
		pages 1-2 , as originally filed	·
		pages NONE , filed with the demand pages NONE , filed with the letter of	
2	337:41		
	langı	th regard to the language, all the elements marked above were available or furnished to this Auguage in which the international application was filed, unless otherwise indicated under this item are elements were available or furnished to this Authority in the following language	thority in the  1.  which is:
		the language of a translation furnished for the purposes of international search (under Rule23.	.1(b)).
		the language of publication of the international application (under Rule 48.3(b)).	
		the language of the translation furnished for the purposes of international preliminary examination of the purpose of	ation(under Rules
3.	With opini	n regard to any nucleotide and/or amino acid sequence disclosed in the international application was drawn on the basis of the sequence listing:	on, the written
	$\boxtimes$	contained in the international application in printed form.	
		filed together with the international application in computer readable form.	
		furnished subsequently to this Authority in written form.	
		furnished subsequently to this Authority in computer readable form.	
		The statement that the subsequently furnished written sequence listing does not go beyond the international application as filed has been furnished.	disclosure in the
		The statement that the information recorded in computer readable form is identical to the writh has been furnished.	ten sequence listing
4.		The amendments have resulted in the cancellation of:	,
		the description, pages NONE	
		the claims, Nos. NONE	
		the drawings, sheets/fig NONE	
5.		This opinion has been drawn as if (some of) the amendments had not been made, since they have been of beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).	onsidered to go
* R this	eplac opini	rement sheets which have been furnished to the receiving Office in response to an invitation under Article on as "originally filed."	14 are referred to in
	DCT	/IDE A //09 (Pay I) (July 1008)	

## WRITTEN OPINION

International application No. PCT/US02/26444

STATEMENT						,		
Novelty (N)		Claims	1-26			•		Y
		Claims			<del></del>			—',
•	F	Ciamis	NONE					—·``
Inventive Step (IS)	)	Claims	NONE					Y
		Claims	1-26				<u>.</u>	N
		•••						-
Industrial Applical	bility (IA)	Claims						Y
		Claims	NONE					N
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nals for the recombinant product 6,146,845 discloses that swn techniques (see columns timn 10).  NEW CITAT	duction of fusion prosuch peptides can be 9 and 10). US patent	oteins is known used to product t 6,146,845 dis	n in the art (see ce antibodies (po scloses Fc fusion	US Patent 5 olyclonal or	,959,171, recombina	abstract a nt or mo	nd colu	mn 2). I) using
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mals for the recombinant product 6,146,845 discloses that swn techniques (see columns timn 10).  NEW CITAT	duction of fusion prosuch peptides can be 9 and 10). US patent	oteins is known used to product t 6,146,845 dis	n in the art (see ce antibodies (po scloses Fc fusion	US Patent 5 olyclonal or	,959,171, recombina	abstract a nt or mo	nd colu	mn 2). I) using
ify Fc containing molecules of mals for the recombinant procent 6,146,845 discloses that sum techniques (see columns turn 10).	duction of fusion prosuch peptides can be 9 and 10). US patent	oteins is known used to product t 6,146,845 dis	n in the art (see ce antibodies (po scloses Fc fusion	US Patent 5 olyclonal or	,959,171, recombina	abstract a nt or mo	nd colu	mn 2). I) using

WD	ITTEN	ODI	INIIC	M

International application No. PCT/US02/26444

Sup	plemental	Box
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(To be used when the space in any of the preceding boxes is not sufficient)

#### TIME LIMIT:

The time limit set for response to a Written Opinion may not be extended. 37 CFR 1.484(d). Any response received after the expiration of the time limit set in the Written Opinion will not be considered in preparing the International Preliminary Examination Report.

Form PCT/IPEA/408 (Supplemental Box) (July 1998)